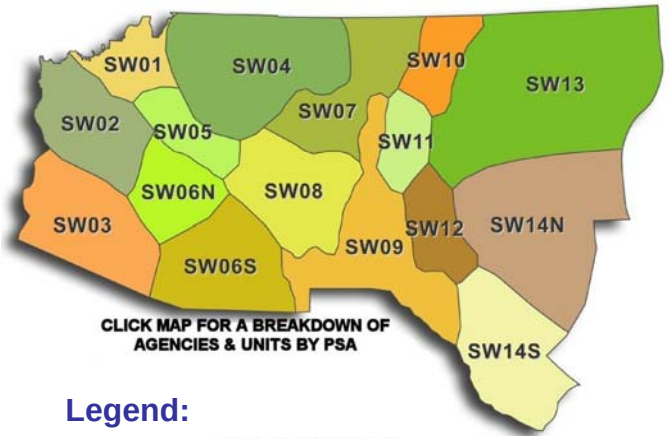
Southwest Area 7 Day Significant Fire Potential



Issued: Thursday, Jul 02, 2009

Next Update: Mon. July 6th by 1030 MDT

Predictive Service Areas	Ytd Jul 01	Thu Jul 02	Fri Jul 03	Sat Jul 04	Sun Jul 05	Mon Jul 06	Tue Jul 07	Wed Jul 08
SW01 Northwest AZ								W
SW02 West-Central AZ							W	W
SW03 Southwest AZ							W	W
SW04 Four Corners Area								
SW05 Western Mogollon Rim								
SW06N Central AZ/Phoenix Metro								
SW06S Southeast AZ								
SW07 Northwest NM Mtns.								
SW08 White Mtns. & Gila Region								
SW09 South/Cntrl. NM Lowlands								
SW10 Sangre de Cristo Mtns.								
SW11 Central NM Mtns. & Plains								
SW12 South-Central NM Mtns.								
SW13 Northeast NM/NW TX								
SW14N Southeast NM/West TX								
SW14S Southwest TX/Big Bend								

Print Version National Map Product Description

Legend:

Fuel Dryness

Moist - Little no risk for large fires.

Dry - Low risk of large fires in the absence of a "High Risk" event.

Very Dry - Low/Moderate risk of large fires in the absence of a "High Risk" event.

Data Unavailable.

High Risk Events

Critical Burn Environment

H **Hot & Dry** - Temperatures much above seasonal normals with humidity 15% or less.

W **Windy, Dry and Unstable** - Sustained winds of 20 mph or greater or consistent gusts to 35 mph or greater with humidity 15% or less and Haines of 5 or greater.

Ignition Trigger

Lightning - LALs of 3 or higher with humidity less than 20%.

High Risk Days

At least a 20% chance of a "Large Fire" due to a combination of either "Dry" or "Very Dry" Fuel Dryness and an **Ignition Trigger**. High Risk Days will include the symbol indicating the type of event.

At least a 20% chance of a new "Large Fire" or significant growth on existing fires due to a combination of either "Dry" or "Very Dry" Fuel Dryness and a **Critical Burn Environment**. High Risk Days will include the symbol indicating the type of event.

Weather Synopsis:

Gradual west to east drying through the first half of next week, with breezy to windy & dry conditions developing western 1/2 of AZ. Moisture to increase again 2nd half of next week. Controlling feature will remain the location of the upper high center presently over northern NM that is expected to be supressed to the south by a series of Pacific storm systems of varying strength moving acoss the Great Basin. Main moisture plume will shift from AZ today to eastern AZ/western NM on Fri. to the southeast half of NM by Sat., with substantially drier conditions across the region by Sun. Breezy/windy and dry conditions will then develop across western AZ through about midweek as one of the west coast systems brings a seasonally strong southwest flow to the area. Meanwhile, areas near/east of the divide will see increased low level moisture and thunderstorm potential courtesy of a weak backdoor cold front on Mon. Dry, breezy conditions west will abate towards next weekend as high and moisture move west again.

NOTICE: Forecasts for the following PSA's may be unavailable or unrepresentative of actual conditions due to missing observations from the stations listed:

SW04
Piney Hill
Washington Pass
Albino

SW10
Truchas

Fire Potential Discussion:

Low to moderate significant fire potential across western AZ to increase to moderate-high towards the middle of next week, then decrease again. Portions of northern/western AZ that will see substantially drier and more windy conditions beyond the holiday weekend will emerge as the main areas of potential. Focus will be on a period of windy and dry conditions next Tue.-Wed., preceded by a general warming and drying trend. Conditions will remain elevated until moisture increases again in that area towards next weekend.

Resource Discussion:

Within Southwest Area SWA Preparedness Level: 3

Low resource demand potential in SWA. Dry to very dry conditions in PSA's 1,2,3,4,5,7,13 and 14N, which could draw a few additional resources (air tankers, engines, T1 crews) from other dispatch areas should an ignition or two occur. However, overall resource demand potential will remain low through the 7-day period.

From/To National National Preparedness Level: 1

Low demand potential for OUT-OF-AREA Resources. Anticipate low demand for IMT's or T1 Crews from outside the Area over the next 7-Day period. Expect low to moderate demand potential for SWA resources to other Geographic Areas.

SOUTHWEST AREA ANTICIPATED RESOURCE DEMAND INDEX **

- Anticipate **low** demand for resources from outside the Area
- Anticipate **low to moderate** demand for resources from outside the Area
- Anticipate **moderate to high** demand for resources from outside the Area
- Anticipate **high to very high** demand for resources from outside the Area

** (Experimental Index) Indicates resource commitment versus demand for additional resources. Resources refers to T1 resources (i.e. Crews, Helo's, A/T's, IMT's).

SWA ANTICIPATED RESOURCE DEMAND (ARD) **	Thu	Fri	Sat	Sun	Mon	Tue	Wed
	Jul 02	Jul 03	Jul 04	Jul 05	Jul 06	Jul 07	Jul 08
This table is experimental. T1 & 2 IMT's							
T1 Crews							

** Describing the SWA ARD Table

Click here for 7 day ERC, F10, and F100 projections

Click here for 7 day Temperature & RH projections